

Dimitrov, L.

BULGARIA/Cultivated Plants - Potatoes, Vegetables, Melons.

M-3

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10834

Author : Dimitrov, L.

Inst :

Title : Ringing Tomatoes by Using Corrosive Substances.

Orig Pub : Ovoshcharstvo i gradinarstvo, 1956, No 5, 54-55

Abstract : In experiments conducted in the Peshchersk region technical sulfuric acid (specific gravity -- 1.82-1.84), diluted 1:6 in water, was used for ringing [kol'tsevaniye]. The solution was applied to the tomato stalk 5 cm. above the surface of the ground. After 1/2 hour the affected part of the stalk wilted, and in two days a black, compressed ring formed hindering the flow of assimilates back into the roots and significantly accelerating the maturation of the tomato fruits without reducing the total yield.

Card 1/1

DIMITROV, L.

Country	:	Poland	H-28
Category	:	Chemical Technology. Chemical Products and Their Applications. -- Food Industry.	
Abs. Jour.	:	R. Zh. - Khim., No. 11, 1959	40609
Author	:	Dimitrov, L.	
Institut.	:	<u>Not given</u>	
Title	:	The Curing of Tobacco Leaves in Bulgaria	
Orig Pub.	:	Wiadom Tyton, 2, No 9, 146-148 (1958)	
Abstract	:	No abstract.	
Card: 1/1			

COUNTRY : BULGARIA
CATEGORY : Chemical Technology. Chemical Products and
Their Applications. Food Industry
ABS. JOUR. : RZKhim., No. 19, 1959, No. 69625

AUTHOR : Dimitrov, I.
TITLE : Theoretical Principles of the Tobacco Drying

ORIG. PUB. : Selskoston. misl, 1958, 3, No 9, 658-664

ABSTRACT : Presented are data that pertain to the bondage of water with materials and pertaining to the exchange/moisture and heat between tobacco leaves and the surrounding medium. Experiments were conducted to investigate contents of the osmotic and the structural water present in the tobacco leaves in various stages of the drying process (the free moisture content is nil.); the migration of moisture within tobacco leaf and its evaporation through leaf epidermis; effects on the rate of evaporation and on the completeness of drying of

CARD: 1/2

COUNTRY :	H
CATEGORY :	
ABS. JOUR. :	RZKhim., No. 19, 1959, No. 69625
AUTHOR :	
INST. :	
TITLE :	
ORIG. PUB. :	
ABSTRACT Con'd	: temperature, leaf spacing, velocity and direction of air flow of the air's relative humidity. It is indicated that an increase in drying temperature, after the color fixation, results in the reduced fuel consumption and in the acceleration of the drying process. -- T. Dikker

CARD: 2/2

H - 134

DIMITROV, L.

"Georgi Dimitrov Mine at Dimitrovo", P. 10, (MINNO DELO, Vol. 9, No. 8,
Aug. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No.1,
Jan. 1955, Uncl.

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410410016-4

DIMITROV, L.

Determination of Compressed Air Losses in Air Pipings. Minno Delo
(Mining), #5:74: Sept-Oct 55

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410410016-4"

DEMITSOV, L.

"Concerning the question of the existence of self deposits in Northeast Bulgaria."

GODISHNIK: Vol. 4, No. 2, 1956/57; Sofia, Bulgaria

Monthly list of EAST EUROPEAN ACCESSIONS INDEX (EEAI), Library of Congress,
Vol. 8, No. 8, August, 1959

Unclassified

DIMITROV, L.

Tectonics of Northeast Bulgaria in the light of the gravimetric investigations. p. 257.

Bulgarska akademia na naukite. Geologicheski institut. IZVESTIIA. Sofia, Bulgaria., Vol. 7, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 12,
December 1959
Uncl.

DIMITROV, L.

"Experiment of the Plant for Metal Cutting Machinery in producing broaches."

TEZHA PROMISHLENOST, Sofiia, Bulgaria, Vol. 8, no. 3, Mar. 1959

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59,
Uncclas

DIMITROV, L.

"Dimitrovets-210, a new type attached-combine harvester."

p. 10 (Tezhka Promishlenost) Vol. 6, no. 9. Sept. 1957. Sofia, Bulgaria

SO.: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 5, May 1958

S/035/62/000/007/075/083
A001/A101

AUTHOR: Dimitrov, L.

TITLE: On the possibility of solving the direct and inverse gravimetric problems on the basis of the second and third vertical derivatives of gravity potential

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 7, 1962, 26, abstract 7G198 ("Godishnik Minno-geol. in-t", 1960 - 1961, v. 7, no. 1, 353 - 362, Bulgarian; Russian and German summaries)

TEXT: The author discusses the methods of calculating the second and third vertical derivatives of gravity potential. A measuring grid is proposed for graphical calculating the latter for the case of cylindrical anomalous bodies of infinite extension. There are 15 references. ✓

O. Sh.

[Abstracter's note: Complete translation]

Card 1/1

DIMITROV, L.

BULGARIA

SHTURKALEV, Il.

[Academic Degrees] Professor

[Affiliation]

[Source] Sofia, Akushersvto i Ginekologiya, No 3, 1962, pp 1-17.

[Data] "Modern Concepts about the Hemolytic Disease of the Newborn (Iso-Immunisation Disease of the Mother and the Baby)."

Co-authors:

Dimitrov, L., Professor

DIMITROV, L.

The effect of alcohol and largactil on the resistance of
the organism to ionizing irradiation. Doklady BAN 15 no.2:231-234
'62.

1. Submitted by Corresponding Member P. Nikoloff [Nikolov, P.].

X

DIMITROV, L.

Solution of the direct and reverse gravimetric problem with
the aid of the third and fourth vertical derivative of the
gravity potential. Godishnik Min geol inst 7 no.1:353-362
'60/'61.

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410410016-4

NIKOLOV, P.; DIMITROV, L.; CHOBANOVA, D.

The effect of atarax on the assimilation of radiothiamine. Dokl. bolg.
akad. nauk 15 no.4:455-457 '62.
(THIAMINE) (HYDROXYZINE)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410410016-4"

DIMITROVA, L.; ANDREEVA, K.

Purification of the waste water from dry distillation in the
Gorkhim State Industrial Enterprise, Rilski Manastir. Godishnik
Inst khim prom 2:57-63 '63.

DASKALOV, A.; KONSTANTINOVA, Bl.; DIMITROV, L.

Rendu-Osler-Weber disease with fatal gastrointestinal hemorrhage.
Khirurgia (Sofia) 16 no.3:293-297 '63.

1. Institut za spetsializatsiya i usuvurshenstvuvane na
lekarite - Sofiia Katedra po gastroenterologija i dietetika
Rukovoditel na katedrata: prof. T. Tashev, chl. korespondent
na BAN [Balgarska Akademija na naukite]. Katedra po patologija
Rukovoditel na katedrata: prof. Iv. Goranov Katedra po Bolnichna
khirurgija Rukovoditel na katedrata: prof. K. Stoianov.
(ANGIOMATOSIS) (HEMORRHAGE GASTROINTESTINAL)

DIMITROV, L.

Control of inefficient services in Soviet pharmacy. Farmatsiia,
Sofia 5 no.2:7-9 Mar-Apr 55.
(PHARMACY,
in Russia)

DIMITROV, L.

Pharmaceutic conference. Farmatsiia, Sofia 5 no.3:35-39 My-Je '55.

1. Gl. inspektor pri AU.
(PHARMACY,
in Bulgaria, conf)

DIMITROV, L.

BULGARIA/Pharmacology - Toxicology, Narcotics.

U-1

Abs Jour : Ref Zhur - Biol., No 3, 1958, 12852

Author : Dimitrov, L., Petrova, K.

Inst :

Title : An Experimental Study Employing Thorn's Test.

Orig Pub : S"vrem. meditsina, 1955, 6, No 7, 21-29.

Abstract : Under deep and prolonged anesthesia induced by 1 g. of evipan-sodium or 0.15 g/kg of luminal the adrenocortical functions were depressed. The adrenalin test was negative. There were characteristic functional changes in the adrenals under the slight anesthesia caused by 0.5 g of evipan-sodium. Adrenalin may also have an eosinopenic action during inhibitory processes in the cerebral cortex.

Katedrata po patologichna fiziologija pri Visshiu

Card 1/1

PISAREV, S.; NEDEVA, V.; KIPROV, D.; DIMITROV, I.; DOSKOV, I.; KEMILEVA, Z.

Certain data on the effect of cortisone on dog organism. Suvrem.med.
Sofia no.12:15-21 '59.

1. Iz Katedrata po patofiziologii pri VM - Sofiia. Zav.katedrata:
prof. St. Pisarev.
(CORTISONE pharmacol.)

PISAREV, S.; KIPROV, D.; NEDEVA, V.; DIMITROV, L.; KEMILEVA, Z.; DOSKOV, Iv.

Studies on the etiology, pathogenesis and therapy of experimental myocarditis and arthritis in the dog. Nauch. tr. vissh. med. inst. Sofia 39 no.2:23-55 '60.

1. Predstavena ot prof. St. Pisarev, zav. Katedrata po patofiziologija.
(MYOCARDITIS exper) (ARTHRITIS RHEUMATOID exper)

PISAREV, S., k.m.n.; KEMILEVA, Z., k.m.n.; NEDEVA, V.; DIMITROV, L., k.m.n.;
KIPROV, D., k.m.n.; DOSKOV, I.v.

Role of higher nervous activity in the development and recovery from
experimental arthritis and myocarditis. Nauch. tr. vissh. med. inst.
Sofia 39 no.2:57-82 '60.

1. Predstavena ot prof. Pisarev, zav. Katedrata po patofiziologii.

(ARTHRITIS RHEUMATOID exper)
(MYOCARDITIS exper)
(CENTRAL NERVOUS SYSTEM physiol)

VLADIMIROV, Vl.; BERCHEV, K.; DIMITROV, L.; CHOBANOVA, D.

Clinical, morphological and electrocardiographic changes in increased resistance of the organism to ionizing radiations. Nauch. tr. vissn. med. inst. Sofia 39 no.2:113-128 '60.

1. Predstavena ot prof. M. Rashev, zav. Katedrata po fakultetska terapiia.

(RADIATION INJURY exper)

DIMITROV, L.; TONCHEV, Khr.; CHOBANOVA, D.

Studies on the effect of small doses of beta- and gamma-rays. Nauch.
tr. vissn. med. inst. Sofia 39 no.7:19-28 '60.

1. Predstavena ot prof. Z Mitsov, rukovoditel na Matedra "22".

(RADIATION EFFECTS exper)

CHOBANOVA, D.; NIKOLOV, T., k. med. n.; DIMITROV, L., k. med. n.

Electrophoretic changes in serum proteins under the influence of ionizing radiations. Nauch. tr. viss. med. inst. Sofia 39 no.7: 63-76 '60.

1. Predstavena ot prof. Z. Mitsov, rukovoditel na Katedra "22".

(BLOOD) PROTEINS radiation eff)
(RADIATION INJURY blood)

DIMITROV, Iyuben

KARCHEV, G.

Authors of an article discussing the new medicines "Likuden", an antibiotic used for mycosis; "Aminosin", used to soften cicatrices; and, "Redergam", used for angina pectoris and hypertension. (Voenno Meditsinsko Delo, Sofia, Mar 61, pp 94-96)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410410016-4

DIMITROV, Lyubin

KARCHEV, Georgi

"Newly Developed Bulgarian Medecins" (Voenno Meditsinsko Delo, Sofia, May '61,
pp 92-95)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410410016-4"

DIMITROV, L.

Our experience with surgical therapy of chronic splenopathies.
Khirurgiia, Sofia 14 no.2/3:363-365 '61.

1. Katedra po bolnichna khirurgiia, Institut za spetsializatsiia i
usuvurshenstvuvane na lekarite.

(SPLEEN dis)

SHTURKALEV, Il., prof.; DIMITROV, L.

Current concepts on hemolytic disease of the newborn (fetal-maternal isoimmunization disease). Suvr. med. 13 no.3:1-17 '62.

(ERYTHROBLASTOSIS, FETAL)

DIMITROVA, L.; NENOV, I.; MONEV, G.; VIDENOV, N.; MIREVA, S.

Dressing Bulgarian manganese carbonate ores with sulfur dioxide.
Godishnik Inst khim prom 2:31-41 '63.

DIMITROV, L.; ICSIFCHEV, A.

Our experiences in the treatment of thrombophlebitis of the extremities with anticoagulant and butazolidine preparations.
Khirurgiia (Sofiia) 16 no.4:347-349 '63.

1. Institut za spetsializatsiia i usuvurshenstvuvane na lekarite -
Sofiia, katedra po bolнична хирургия. Руководител на кадрата:
prof. K. Stoljanov.

(THROMBOPHLEBITIS) (PHENYLBUTAZONE)
(ANTICOAGULANTS) (EXTREMITIES)

STOIANOV, K., prof.; DFREDZHIAN, A.; DIMITROV, L.; PFTSEVA, O.; MOMCHILOV, M.

Our experiences with surgery in old age. Khirurgija 17
no.2:174-175 '64.

1. Iz Katedrata po bolнична khirurgija pri ISUL [Institut
za spetsializatsiia i usuvurshenstvuvane na lekarite].

DIMITROV, L.

Belated changes in animals having survived a lethal radiation with
the aid of radiation shielding. Doklady BAN 17 no.10:969-972 '64.

1. Chair of Pathophysiology in the Higher Medical Institute, Sofia.
Submitted April 15, 1964.

L 37837-66 EWT(m)

ACC NR: AP6028475

SOURCE CODE: BU/0011/65/018/011/1043/1045

AUTHOR: Dimitrov, L.

ORG: Department of Pathological Physiology, Higher Medical Institute

TITLE: Offspring of radiation protected rats after exposures to lethal doses

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 11, 1965, 1043-1045

TOPIC TAGS: radiation biologic effect, rat, radiation protection, biologic reproduction

ABSTRACT: During earlier investigations (Strahlentherapie, v. 124, 1964, no. 4, p. 599) the author investigated the effects of radiation protector combinations (5-NT, MEA, AET) on white rats exposed to lethal doses. He found that some of the radiation protected animals had offspring following the lethal irradiation, and he investigated the effectiveness of the prophylactic and therapeutic means on maintaining the reproductive functions. An analysis of results from 290 white rats shows that the combined use of 5-NT, AET, and MEA and of bone marrow, antibiotics, and polyvitamins enhances the radiation resistance of white rats to 800 r doses (100% survival). The same treatment protects even the reproductive function of white rats. A more detailed theoretical discussion of the results will be given in a later paper. This paper was presented by Corresponding Member P. Nikolov on 14 July 1965. Orig.

art. has: 2 tables. JPRS: 36,599/

SUB CODE: 06 / SUBM DATE: 14Jul65 / SOV REF: 002 / OTH REF: 002

Card 1/1

0917 2233

BULGARIA

NIKOLOV, P., DIMITROV, L., Institute of Physiology, Bulgarian Academy of Sciences

"Changes in the Suprarenal Cortex in Irradiated and Pharmacologically Protected Rats"

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 7, 1966, pp 677-680

Abstract: [English article] The suprarenal cortex is an important factor in the development of irradiation injuries in view of its great significance in the general resistive power of the organism and of its considerable sensitivity to ionizing effects. The function of the suprarenal cortex in albino rats was determined from a number of indices, some of them of an indirect character. The experiments were carried out on 176 animals of both sexes with initial body weight of 120-160 g. The conditions of irradiation were as follows: 180 kV, 20 mA, filter 0.5 mm Cu, H 40 cm, dose strength 112.7 r/min. Thirty-seven of the 46 radioprotected rats (80.4%) remained alive on the 90th day after irradiation. At that time the animals were in good condition and some of them even had progeny. An analysis of the results shows that roentgen irradiation with 800 r causes changes in the functional condition of the suprarenal cortex of albino rats, namely, an increase at the height of the disease and inhibition before death. Besides that, contradictory changes are observed in the biochemical indices (K/Na, ascorbic acid, 17-KS, 1/2

BULGARIA

NIKOLOV, P., DIMITROV, L. Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 7, 1966, pp 677-680

and 17KGS) and in the systolic arterial pressure. The combined application of protective drugs (protectors: Serotonin, AET, MEA, bone marrow, and antibiotics) protects the suprarenal cortex from lethal irradiation over a certain period of time. There are 1 Bulgarian, 1 Soviet, and 3 Western references. (Manuscript received, 11 Apr 66.)

Radiobiology

BULGARIA

DIMITROV, L., Department of Pathologic Physiology, Higher Institute of Medicine, Sofia

"The State of DNA and Protein Synthesis in Radioprotected Rats after Lethal Irradiation"

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 5, 1966, pp 433-436

Abstract: [English article] The mixture of radioprotectors (Serotonin, AET, MEA) and its combination with therapeutic agents (bone marrow, antibiotics, and vitamins) showed efficient protective effect in albino rats subjected to lethal irradiation (Dokl. BAN, 18, 1965, No 11, 1043). In order to assess the effectiveness of the protective agents, the present work studied their influence on the separate elements of DNA and protein synthesis. The state of the DNA-synthesis was evaluated from the incorporation into its molecule of P32 ($\text{Na}_2\text{HP}^{32}\text{O}_4$) and thymidine-2-C¹⁴, and by the activity of the DNA-ase II which was determined after Allfrey's method modified by O. D. Kowlessar et al. (Arch. Biochem. and Biophys., 52, 1954, No 2, 362). Following other pertinent details of the procedure, the paper presents an analysis of the results. They show that 1) a whole-body single lethal irradiation of albino rats inhibits the individual elements of the

1/2

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 5, 1966, pp 433-436

synthesis of DNA and protein; 2) radioprotectors (5-HT, AET, MEA) and their combination with therapeutic agents (bone marrow, antibiotics, and vitamins) protect the animals from disturbances in the DNA and protein metabolism in the early period and partly in the later period following lethal irradiation; 3) the average life expectancy of irradiated radio-protected rats is shorter than that of nonirradiated animals. There are 1 Bulgarian, 3 Soviet and 7 Western references. (Manuscript received, 28 Jan 68.)

2/2

- 62 -

BULGARIA

ZIMITROV, L., NEDYALKOVA, N., Research Institute of Hematology and Blood Transfusion, Sofia

"The Effect of Certain Radioprotectors on the Immune Reaction of Lethally Irradiated Rats".

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 20, No 1, 1967, pp 73-76

Abstract: [English article] The inhibited immune reactivity of the irradiated organism gives rise to the appearance of serious post-irradiation infections complications which, on a number of occasions, determine the lethal outcome of the acute radiation sickness. Because of contradictory data concerning the efficiency of various radiation protection substances, the authors investigated the effect of the AET, MEA, and 5-HT mixture of radioprotectors on the immune reaction of lethally irradiated rats and that of animals which have survived lethal irradiation. The experiments were carried out on 367 albino rats of both sexes with a body weight of 110 to 200 g, 335 of which were irradiated with lethal doses of 800 r. In the experimental and control animals the authors followed the cell and humoral reaction to sheep erythrocytes intravenously injected in quantities of 1 ml of 5% suspension (during the first 24 hours after irradiation). Results showed that the antigen injected 24 hours after irradiation and radio-

1/2

BULGARIA

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 20, No 1, 1967, pp 73-76

protection encounters in the spleen immunocompetent cells. Regarding the synthesis of hemagglutinating antibodies reflected in the titre of the serum agglutinins, it may be assumed that the radioprotectors applied have no absolute effect. References: 1 Bulgarian and 11 Western. (Manuscript received, 5 Sep 66.)

2/2

- 60 -

BULGARIA

DIMITROV, L., KRUSTEV, D., Research Institute of Haematology and Blood Transfusion, Sofia

"Morphological Changes in Radioprotected, Lethally Irradiated, and Bone-Marrow Treated Animals"

Sofia, Doklady Bolgarskov Akademii Nauk, Vol 20, No 1, 1967, pp 77-80

Abstract: [English article] There are no data in literature about the effect of radioprotectors and of the transfusion of bone marrow on the morphological changes in irradiated animals. To gather data, the authors carried out experiments with 351 albino rats, irradiated with 800 r and treated (276 of them) with prophylactic agents (AET, NEA, and 5-HT), as well as with therapeutic agents after irradiation (bone marrow, antibiotics, and vitamins). The methods employed are described elsewhere (Compt. rend. Acad. bulg. Sci., 18, 1965, 1043; 19, 1966, 433). An analysis of the results shows, among other things, that the prophylactic and therapeutic means applied do not fully avert the injuries of irradiation though they diminish them considerably. This is particularly true of the hemopoetic and sex tissues and of the intestinal tract which are very radiosensitive. The combination of bone marrow, antibiotics, and vitamins yields the best effect.

1/2

BULGARIA

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 20, No 1, 1967, pp 77-80

The lymph apparatus is not protected as well, and despite regeneration, in a large part of the animals it remains hypoplastic even after the first year following irradiation. The ovaries are preserved to a large degree. The survival during acute stage of irradiation injury is in all probability due to the protective and therapeutic effect on hemopoiesis and on the intestinal tract. 2 Bulgarian references. (Manuscript received, 5 Sep 66).

2/2

- 59 -

CHOBANOVA, Dimitrina, DIMITROV, Libknecht, ot Institutata po patologichna fiziologija

Urinary neutral 17-ketosteroids during sleep therapy. Izv.med. inst.Sofia 11-12:227-240 1955.

1. Sektsiia za vutreshni bolesti(zav: Chl.kor.Konstantin Chilov) na instituta za klinichna i obshchestvena meditsina (dir.:akad. Tsvetan Kristanov) pri BAM. 2. Ml.nauchen sutridnik pri BAM (for Chobanova)

(SLEEP, therapeutic use,
urinary 17-ketosteroids in sleep ther.)

(URINE,
17-ketosteroids in sleep ther.)

(STEROIDS, in urine,
17-keto, in sleep ther.)

BULGARIA/Human and Animal Physiology (Normal and Pathological).
Internal Secretion. Suprarenal Gland.

T

Abs Jour: Ref Zhur-Biol., No 17, 1958, 79795.

Author : Dimitrov Libknekht. A,

*Inst :

Title : Excretion of Neutral Ketosteroids During
Experimental Neurosis.

Orig Pub: Izv. Med. in-ti Bulgar. An, 1955, 11-12, 241-253.

Abstract: No abstract.

* KATEDRA PO PATOLOGICHNA FIZIOLOGIIA PRI VISHNIIA MEDITSINSKII INSTITUT
V. CHERVENKOV.

Card : 1/1

1.1

ATANOSOV, Atanas, d-r st.asistent pri propedevt.khirurg.klinika, DIMIMROV,
Libknekht; ot instituta po patologichna fiziologija.

Effect of novocaine lumbar block in urinary excretion of 17-keto-
steroid; preliminary communication. Izv.med.inst., Sofia 11-12:
255-264 1955.

1. Propedevtichna khirurgichna klinika (dir.:prof. G.Kapitanov) i
Institut po patologichna fiziologija (dir.:dots.S. Pisarev) pri
Visshiia meditsinski institut V. Chervenkov-Sofia.

(PROCAINE, effects

on urinary 17-ketosteroids, lumbar block)
(URINE,

17-ketosteroids, eff. of procaine lumbar block)
(STEROIDS, in urine,

17-keto.eff. of procaine lumbar block)
(ANESTHESIA, REGIONAL,

lumbar procaine block, eff. on urinary 17-ketosteroids)

DIMITROV, L.

BULGARIA/General Problems of Pathology - Allergy.

T-2

Abs Jour : Ref Zhur - Biol., No 3, 1958, 12558

Author : Dimitrov, L., Chobanova, D.

Inst : Not Given.

Title : The Possible Use of Certain Drugs in Bronchial Asthma.

Orig Pub : Izv. Med. in-ti. B'lg. AN, 1956, 13, 363-376.

Abstract : No abstract.

Card 1/1

BULGARIA/General Problems of Pathology. Metabolism

U-5

Abs Jour : Ref Zhur - Biol., No 13, 1958, No 61088

Author : Karagezov L., Dimitrov L., Chobanova D.

Inst : Medical Institute, Belgrad Academy of Sciences

Title : 17-Ketosteroids in Brain Tumors

Orig Pub : Izv. Med. in-ta Belg. AN, 1956, 13, 477-485

Abstract : Patients with brain tumors (15) have a decreased release of 17-ketosteroids (I). When there is progress in the growth of neoplasm in brain tissues, low concentrations of I are observed more often than when the tumor is localized outside of the brain.

Card : 1/1

27

DIMITROV, L.

"Pa thogenesis of the anaphylactic shock. Report 2. Importance of the age factor."

IZVESTIIA. SERIIA EKSPERIMENTAL'NA BIOLOGIJA I MEDITSINA, Sofiia, Bulgaria,
No. 2, 1957.

Monthly List of East European Acquisitions Index (EEAI), The Library of Congress, Volume 8, No. 8, August 1959.

Unclassified

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410410016-4

DIMITROV, L.; MIKHAILOV, St. -(st. asistenti)

Pathogenesis of phosgene-oxide poisoning. Nauch. tr. Vissh. med. inst.
Sofia 4 no. 4:25-40 1957.

1. Pedstavena ot katedra 22. Zav. knedrata: prof. med. polk. Z. Mitsov.
(PHOSGENE, related cpds.
phosgene-oxine pois. in dogs & rabbits, pathogen. & manifesta-
tions)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410410016-4"

DIMITROV, Libnecht; CHOBANOVA, D.

17-Ketosteroids in various diseases. Izv. Mikrob. inst., Sofia no.8:
179-185 1957.

1. Institut za klinichna i obshchestvena meditsina (dir.: akad. tsvetan
kristanov) pri bulgarskata akademija na naukite.

(THROMBOANGIITIS OBLITERANS, urine in

17-ketosteroids (Bul))

(PSYCHOSES, MANIAC*DEPRESSIVE, urine in
name)

(HAIR

hirsutism in women, 17-ketosteroids in urine (Bul))

(17-KETOSTEROIDS, in urine

in hirsutism in women, maniac-depressive psychoses, & throm-
boangiitis obliterans (Bul))

CHOBANOVA, D.; DIMITROV, L.

Changes in sodium & potassium levels in experimental acute asphyxia.
Izv. Mikrob. inst., Sofia no.8:561-568 1957.

1. Institut za klinichna i obshchestvena meditsina pri ban direktor
akad. konst. pashev.

(SODIUM, metab.

in acute asphyxia in cat (Bul))

(ASPHYXIA, exper.

eff. on sodium & potassium metab. in acute asphyxia in cat (Bul))

(POTASSIUM, metab.

in acute asphyxia in cat (Bul))

BULGARIA/Human and Animal Physiology - Thermoregulation.

T

Abs Jour : Ref Zhur Biol., No 3, 1959, 12558

Author : Dimitrov, L.

Inst : Bulgarian AS

Title : Some Studies on Thermoregulation in Different Age Groups

Orig Pub : Izv. Otd. biol. i med. n. B"lg. AN Ser. eksperim. biol. i med., 1958, No 4, 13-18

Abstract : No abstract.

Card 1/1

VLADIMIROV, Vl.; DIMITROV, L.; TONCHEV, Khr.

Clinical picture, serum potassium and calcium changes and electrocardiographic changes in dogs exposed to various doses of roentgen rays.
Suvrem. med., Sofia 10 no.1:41-51 1959.

1. Iz Katedrata po fakultetska terapiia pri VMI-Sofiia (Zav. katedrata:
prof. M. Rashev) i Katedrata po patofiziologija pri VMI-Sofiia (zav.
katedrata: prof. St. Pisarev)

(ROENTGEN RAYS, effects,

on blood calcium & potassium, ECG & other factors in dogs (Bul))

(CALCIUM, in blood,

eff. of x-rays in dogs (Bul))

(POTASSIUM, in blood

same)

(ELECTROCARDIOGRAPHY,

same)

PISAREV, S.; KEMILEVA, Z.; KIPROV, D.; DIMITROV, L., NEDEVA, V.; DOSKOV, I.

Effect of neuroses on the course and therapy of experimental arthritis and myocarditis. Suvrem.med., Sofia 2 no.1:8-15 '60.

1. Iz Katedrata po patologichna fiziologija pri VMI - Sofiia. Zav.
Katedrata prof. St.Pisarev.

(ARTHRITIS exper.)

(MYOCARDITIS exper.)

(NEUROSES exper.)

DIMITROV, L.

Contribution to cases of chronic obstruction of the abdominal aorta
(Leriche's syndrome) Suvr. med. 12 no.9:105-108 '61.

1. Iz Klinikata po bolnichna khirurgiia, Institut za spetsializatsiia
i usuvurshenstvuvane na lekarite (Direktor prof. K. A. Stoiianov)

(AORTA dis) (THROMBOSIS case reports)

DIMITROV, L.; CHOBANOVA, D.

Distribution of radiothiamine in the organism under normal conditions and under the influence of largactil. Suvr. med. 12 no.12:31-38 '61.

1. Iz Katedrata po patologichna fiziologija pri VMI [Vissh meditsinski institut] - Sofia (Rikov. na katedrata - prof. S. Pisarev).

(THIAMINE) (CHLORPROMAZINE)

DIMITROV, L.

The effect of alcohol and largactil on the resistance of the organism to ionizing irradiation. Dokl. Bolg. akad. nauk 15 no.2:231-234 '62.

1. Submitted by Corresponding Member P. Nikoloff.
(CHLORPROMAZINE pharmacol)
(ALCOHOL ETHYL pharmacol)
(HYPOTHERMIA INDUCED exper)
(RADIATION INJURY exper)

DIMITROV, Liubomir, asistent; STAMENOVA, Tsvetana, ordinator

Results of the treatment of acute appendicitis. Nauch.tr.ISUL,
Sofia 2 no.3:187-198 1953.

1. Klinika po bolnichna khirurgiia. Direktor: dots. K. Stoianov.
(APPENDICITIS, surgery,
results)

DIMITROV, L. A.

Pathogenesis of anaphylactic shock. Suvrem. med., Sofia 7 no.6:
64-71 1956.

1. Kand. na med. nauki. Iz Katedra, 22¹ pri VMI -- Sofiia.
(Zav. katedrata: prof. Z. Mitsov).

(ALLERGY, experimental,

anaphylactic shock, eff. of epinephrine & acetylcholine (Bul))

(ACETYLCHOLINE, effects,

on exper. anaphylactic shock (Bul))

(EPINEPHRINE, effects,

same)

USSR/Human and Animal Physiology. The Effect of Physical Factors T-14

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65834

Author : Dimitrov L.A.

* Inst :

Title : The Effect of Radioactive Cobalt on the Resistance of the Organism to Ionizing Radiation

Orig Pub : Med. radiologiya, 1957, 2, No 4, 11-18

Abstract : Twelve dogs were subjected to roentgen irradiation in doses of 800 and 2000 r. Two weeks prior to the irradiation four of the dogs were injected intravenously with $\text{Cl}_2\cdot\text{Co}^{60}(\text{NO}_3)_2$ containing small amounts of Co⁶⁰. Changes in function of the adrenal cortex were noted in the control dogs. They perished on the 4th to the 6th day. Hyperemia, multiple hemorrhages and degenerative-dystrophic changes of the internal organs were found upon post-mortem examination. When Co⁶⁰ was injected, neither clinical nor biochemical changes were detected. The animals were killed on the 34th and 35th day. Dissection also failed to reveal any changes. It is suggested

Card : 1/2

* 12 KAFEDAY NO. 22 VYSSHEGO MEDITSINSKOGO INSTITUTA, SOFIYA.

USSR/Human and Animal Physiology. The Effect of Physical Factors T-14

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65834

that Co⁶⁰ injected intravenously two weeks prior to irradiation exerts a definite protective effect against ionizing radiation.--R.S. Krivchenkova

Card : 2/2

149

DIMITROV, L.; MIKHAIEV, St. -(st. asistenti)

Pathogenesis of phosgene-oxide poisoning., Mauch. tr. Vissh. med. inst.
Sofia 4 no.4:25-40 1957.

1. Predstavena ot katedra 22. Zav. katedrata: prof. med. polk. Z. Mitsov.
(**PHOSGENE**, related cpds.
phosgene-oxine pois. in dogs & rabbits, pathogen. & manifesta-
tions)

BULGARIA/Human and Animal Physiology - Action of Physical
Factors.

T-13:

Abs Jour : Ref Zhur - Biol., No 7, 1958, 32320

Author : Dimitrov, L., Yordanov, B.

* Inst :
Title : Influence of Radioactive Cobalt on the Function of the
Cortes of the Suprarenal Gland.

Orig Pub : Suvrem. med., 1957, 8, No 1, 105-107.

Abstract : No abstract.

* Iz KATEDRA 22 ; KATEDRA PO NEVROLOGIYA PRI VMI, SOFIIA.

Card 1/1

- 167 -

DIMITROV, L. A.

BULGARIA / Pharmacology, Toxicology.. Toxicology. V

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42522.

Author : Dimitrov, L.; Mikhaylov, S.

* Inst : Not Given

Title : The Significance of the Functional State of the Nervous System in Phosgenoxine Poisoning.

Orig Pub: S"vrem. med., 1957, 8, No 6, 8-15.

Abstract: It was established that intravenous injections of small doses (3 mg/kg) of phosgenoxine in dogs with acute disorders of the functional state of the CNS caused by conflict of the defensive and alimentary nonconditioned reflexes, produced in them more severe toxic reactions than in animals

Card 1/2 * I₂ KATEDRA 22 VMI, Sofiia.

' BULGARIA / Pharmacology, Toxicology. Toxicology.

v

' Abs Jour: Ref Zhur-Biol., No 9, 1958, 42522.

Abstract: with normal higher nervous activity. The authors noted that the disorders of the higher nervous activity in the dogs were caused by suppression of the function of the adrenal cortex. -- G. A. Stepanskiy

Card 2/2

68

DIMITROV, L.; CHOANOVA, D.

Acute radiation sickness. Suvrem. med., Sofia 9 no. 6:115-122 1958.

l. Iz Matedra 22 pri VMI-Sofia (Zavezhdashch katedrata: prof. Ždr. Mitsov).

(RADIATIONS, inj. eff.
radiation sickness, acute, review (Bul))

DIMITROV, L.

Increased resistance of the organism to ionizing radiations.
Suvrem.med., Sofia no.8:3-10 '59.

1. Iz Katedrata po patofiziologii pri VMI - Sofia. Zav.katedra-
ta: prof. S. Pisarev.
(RADIATION EFFECTS exper.)

DIMITROV, L.A.

Effect of alcohol and largactil on the resistance to ionizing
radiations. Izv. inst. fiziol. (Sofiiia) 6:263-270 '63.

(RADIATION-PROTECTIVE AGENTS) (ALCOHOL, ETHYL)
(CHLORPROMAZINE) (THIAMINE) (PHARMACOLOGY)

GUNCHEV, L. At.; DIMITROV, L. B.

Electronic modeling of the tracking system with characteristics close to the optimal. Godishnik naush elekt 12 no. 2:29-48 '62 [publ. '63].

SOV/49 -58-10-10/15

AUTHOR: Dimitrov, L. V.**TITLE:** A Rapid Method of Reducing Observations Made by SN-3 and Norgard Gravimeters (Sposob uskorennoy obrabotki nablyudeniy s gravimetrami SN-3 i Norgarda)**PERIODICAL:** Izvestiya Akademii Nauk SSSR, seriya geofizicheskaya, 1958, Nr 10, pp 1248-1249 (USSR)**ABSTRACT:** It is shown in Refs. 1 and 2 that relative values for the gravitational acceleration using an SN-3 gravimeter can be obtained from:

$$g_r = g_0 (A'_0 + A'_1 q + A'_2 q^2) \quad (1)$$

where g_0 is a constant defined to within 100 mgl by the formula: $g_0 = g_k - \Delta g_k$ (g_k is the acceleration due to gravity and Δg_k is a correction term calculated every 150-150 mgl variation); A'_0 , A'_1 and A'_2 are instrumental constants; $q = S + B$, where S is the micrometer scale reading and B the micrometer drum reading. To lighten the work of calculating g_r , G. I. Karatayev (Ref. 3) suggested

Card 1/4 the use of the formula (2). The value of C in this

SOV/49-58-10-10/15

A Rapid Method of Reducing Observations Made by SiN-3 and Norgard
Gravimeters

equation has to be remeasured for each series of measurements
(even if made from the same starting point) and, hence, a
considerable amount of work is still required. The author
proposes a quick graphical method of finding g_r based on
Eq.(1) which represents a parabola with a parameter

$$p = \frac{1}{2|g_0 A_2^1|} \quad \text{and its vertex at the point:}$$

$$\left[\frac{g_0 (4A_0^1 A_2^1 - A_1^2)}{4A_2^1} ; - \frac{A_1^1}{2A_2^1} \right] \quad (\text{Fig.1})$$

Attention can be limited to the positive branch of the
parabola. Of the parabolic parameters, g_0 changes after
every 100-150 mgl division and a new graph has to be drawn.

Card 2/4

SOV/49-58-10-10/15

A Rapid Method of Reducing Observations Made by SN-3 and Norgard
Gravimeters

The graph is drawn for selected values of q , corresponding to values of g_r calculated from Eq.(1). The points thus obtained are plotted on millimetre paper; the number of points depending on the accuracy required for g_r . The author recommends a scale of 0.05 mgl/mm along the g_r -axis and 1 division/mm along the B-axis. Since the null-point of an SN-3 normally changes by 8-10 mgl per day, these nomograms have to be redrawn approximately every 10-15 days, which involves much less work than the corresponding arithmetical operations. Table 1 indicates the layout for calculating the values of g and q in a particular case. Values of q are taken every interval of $\Delta B = 100$ divisions on the micrometer drum. It is possible from the nomogram to find g_r with an error of ± 0.05 mgl for each B value on a scale ± 3.5 . This accuracy can be increased if more points are taken. An analogous method can be used with the Norgard gravimeter, if the relationship (3) is used (Refs.2 and 4).

Card 3/4

SOV/49-58-10-10/15

A Rapid Method of Reducing Observations Made by SN-3 and Norgard
Gravimeters

Eq.(3) is the canonic equation of a parabola (Fig.2) with a
parameter $p = \frac{1}{2|k|}$. Again, only the essential part
of the upper curve is drawn. Table 2 outlines the layout
used for determining values of g_r and m for construct-
ing the nomogram. There are 2 figures, 2 tables and 4
Soviet references.

SUBMITTED: January 15, 1958.

Card 4/4

SOV/49-59-4-14/20

AUTHOR: Dimitrov, L. V.

TITLE: A Graphical Method of Calculating the Second Derivate of the Gravity Potential (Graficheskiy sposob vychisleniya znachenij vtoroy vertikal'noy proizvodnoy potentsiala sily tyazhesti)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geofizicheskaya, 1959, Nr 4, pp 617-620 (USSR)

ABSTRACT: The local anomalies of the gravity are more easily determined from the second vertical derivate of its potential. Therefore, the calculating of \bar{U}_{zz} based on the value of Δg becomes of special importance. The value of \bar{U}_{zz} for the point P_0 can be expressed in the cylindrical system of coordinates as Eq (1) (Ref 1). For practical reasons, the interval of the second integral of this equation is divided into k numbers of the concentric circular zones, each of which is divided into m sectors. In this case Eq (1) can be written as Eq (2) (Ref 3). The component \bar{U}_{zz} is determined by the sum of k zones along a profile $P_0 L$ (Figs 1

Card 1/3

SOV/49-59-4-14/20

A Graphical Method of Calculating the Second Derivate of the Gravity Potential

and 2) as Eq (3). The graphical method of the determination of \bar{U}_{zz} is based on a mean value of Δg for every zone.

Therefore, a graph (Fig 3) can be constructed which consists of rectangles, each corresponding to the value of 1 eötvös. The line P_oL is divided into parts $\Delta R = R_{j+1} - R_j$ where R_j and R_{j+1} - the radii of concentric zones,

$R = \sqrt{R_j R_{j+1}}$. The rectangles have ΔR as their base and p as the height. The latter is calculated from Eq (4). The mean value Δg for n corresponds to $\Delta g/p$ (Eq 5). The value of \bar{U}_{zz} for k zones is found from Eq (6) where $N = \sum n$. If \bar{U}_{zz} is calculated for m profiles, then the expression (7) is used. In practice, to find the value of \bar{U}_{zz} , it is necessary to:

1) construct the curve of gravity force for m -profiles by plotting the values of g as ordinates, draw the axis P_oL ,

Card 2/3 the coordinate of which is taken as equal to \bar{g}_o at the

SOV/49-59-4-14/20

A Graphical Method of Calculating the Second Derivate of the Gravity Potential

point P_0 . Thus the ordinates of gravity force in relation to the axis P_0L represent the value $\Delta\bar{g} = \bar{g} - \bar{g}_0$;

2) place the above curve on the graph (Fig 3) and count the number of positive and negative rectangulars (N) described by the curve Δg and the line P_0L ; 3) calculate U_{zz}

from Eq (7). Fig 3 illustrates the example in the scale 1:300 000 when the rectangulars correspond to 1 E each.

The scale of the curve Δg is 1 cm = 1 mg/l. The first radius $R = 0.4$ km and ΔR has the values: 0.4, 0.6, 0.8, 1.2, 1.4, 1.8, 2.0, 3.0, 4.0 and 6.5 (Ref 2). There are 3 figures and 3 Soviet references.

SUBMITTED: May 23, 1958.

Card 3/3

DIMOV, Lyubomir, prof.; IVANOV, Ivan B., inzh.

Note on Assistant Professor A.I.Bolotin's article "Use of the integral method of least squares in determining the plane closest to a given area of surface." Izv.vys.ucheb.zav.: geod.i aerof. no.5:163-165 '59. (MIRA 13:3)

1. Gorno-geologicheskiy institut (Sofiya, Bolgarskaya Narodnaya Respublika).
(Least squares) (Surveying)

BULGARIA/Chemical Technology - Chemical Products and Their
Application. Chemical Processing of Solid Fossil
Fuels.

Abs Jour : Ref Zhur ~ Khimya, No 10, 1959, 36333

Author : Dimitrov, M.

Inst :

Title : A New Method of Computing the Yield and Composition of Gas at the Gasification of Fuel in a Gas Generator Equipped with a Boiling Bed and Using a Vapor-Air-Hydrogen Blast.

Orig Pub : Minno delo, 1958, 13, No 2, 34-42.

Abstract : The proposed computing method includes the composition of the material balance of the process, as to carbon, hydrogen and nitrogen, and the composition of the system of equations, which permits the determination of the yield and composition of the generated gas. By example from industrial practice, an agreement between the data

Card 1/2

1 / 2.2..

BULGARIA/Chemical Technology - Chemical Products and Their
Application. Chemical Processing of Solid Fossil
Fuels.

Abs Jour : Ref Zhur - Khimiya, No 10, 1959, 36333

of computation and experience is indicated.

Card 2/2

LAZAROV, Sl., inzh.; DASKALOV, P., k.t.n.; DASKALOV, Iv., inzh.; DIMITROV,
M., inzh.; PETROV, K.

Application of millisecond blasting in the State Mining Enterprise
"Burgaski medni mini" Min delo 17 no.1:17-21 Ja '62.

1. Minen nauchnoizsledovatelski institut (for Iv. Daskalov).
2. Durzhavno minno predpriatie "Burgaski medni mini" (for Petrov).

DIMITROV, M.

"Destruction of Balsam Firs by Bears(*Ursus arcos L.*) in the Pirin Mountains", P. 363. (GORSKO STOPANSTVO, Vol. 10, No. 8, Oct. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, June 1955, Uncl.

DIMITROV, M.

DIMITROV, M. Reforestation with resinous pine Pinus peuce grisea on the south ridges of the Rila Mountains. p. 197. Vol. 12, no. 5, May 1956
GORSKO STOPANSTVO. Sofia, Bulgaria.

SOURCE: East European Accessions List (EEAL) Vol. 6 No. 4. April 1957

PAZONYI, Tamas; DIMITROV, Miklos

Synthesis and properties of polymer mixtures. Magy kem lap 18
no.7:335-338 Jl '63.

1. Muanyagipari Kutato Intezet.

DIMITROV, Matei

Biological bases and effectiveness of green manure in
fish-breeding basins. Priroda Bulg 12 no. 6:74-77 N-D
'63.

1. Experiment Station for Soft-Water Pisciculture, Plovdiv.

DIMITROV, M.

A new test for quantitative determination of proteins in urine.
Suvrem med., Sofia no.4:103-106 '60.

1. From the Transport-Medical Laboratory with a Scientific Research
Group (Chief physician: T.Tachev)
(ALBUMINURIA diag.)

DIMITROV, M.

On measurement of the cardiac ventricles. Suvrem med., Sofia no.9:
62-66 '60.

1. Iz Vtora obedinenia gradsko bolnitsa, Sofiia (Glaven lekar Iv.
Khadzhimitrov)
(HEART anat. & histol.)

DIMITROV, M.

A study of an occupational dermatomycosis. Suvrem med.,
Sofia no.1:77-81 '61.

1. Nauchno-issledovatel'ski sanitarno-khigienen institut, Sofia.
(Direktor: M. Dimitrov.)

(DERMATOMYCOSIS) (OCCUPATIONAL DERMATITIS)

DIMITROV, M., doktor; DYANKOV, L. [Diankov, L.] doktor

Dissecting osteochondrosis of the sacroiliac joint. Vest. rent. i rad.
39 no.4:71 Jl-Ag '64. (MIRA 18:7)

1. Rentgenovskoye otdeleniye (zav. - doktor M.Dimitrov) 3-y Gorodskoy
ob'yedinennoy bol'nitsy, Sofiya.

(A) L 3875-66

AM5024528

BOOK EXPLOITATION

BU/

3

Doinski, A. (Honored Master of Sports); Gulubov, G. (Honored Master of Sports); Dimitrov, M. (International Umpire); Yonchev, D. (Doctor)

Handbook for sky divers (Rukovodstvo za parashutista sportista) Sofia, Izd-vo "Meditina i fizkultura," 1965. 188 p. illus., biblio., photos. 1076 copies printed.

TOPIC TAGS: parachute jump training, sky diving

PURPOSE AND COVERAGE: This handbook is intended for students, sportsmen, instructors, and trainers in volunteer organizations assisting in the defense effort. It represents the first review of Bulgarian parachute development, and the newest Bulgarian sky-diving parachutes, the SP-5 and SP-6, are described. Also contained in the book are the results of many years of medical observations of the effects of parachuting on the human organism. Health requirements for the parachutist are also given. Particular attention is paid to the training of novice parachutists and sky-divers, and to practical problems as opposed to theoretical problems. The most frequently needed formulas and calculations used in sky-diving are also presented. There are 14 references: 10 Soviet and 4 Bulgarian.

Card 1/4

L 3875-66

AM5024528

TABLE OF CONTENTS:

Introduction -- 3

History of the Parachute and Sky-Diving

Sky-diving -- 9

Bulgarian parachutes -- 23

Fundamentals from the Theory of Parachuting

The descent of a body in air -- 29

A parachutist's rate of fall -- 31

Determining free-fall time -- 34

Parachute deployment -- 37

Calculating the jump -- 41

Parachute descent -- 46

Landing -- 48

Parachute Components

Characteristics of modern parachutes -- 51

The PD-47 parachute -- 52

Other parachutes -- 67

Card 2/4

L 3875-66

AM5024528

O

The PZ-47 parachute -- 67
The SP-5 parachute -- 71
Description of the SP-6 parachute -- 72
Packing the SP-6 parachute -- 75
Packing the SP-5 parachute -- 77
Reserve chute with a round canopy -- 77
The PZ-41 reserve chute -- 78
Equipment use and maintenance -- 79

Medicine for the Parachutist
Effects on the organism -- 82
Health requirements -- 88
Injuries -- 93
Massage and self-massage -- 94

Basic Training for the Parachutist
Basic problems -- 98
Opening the reserve chute -- 100
Collapsing the canopy -- 102
The jump platform and jumping from an aircraft ... 104

Card 3/4

L 3875-66

AM5024528

O

The jump tower -- 109
Landing on an obstacle -- 112

Training for Sky-Diving
Free-fall technique and body control -- 115
Target jumping -- 131

Calisthenics and Ground Training -- 149

Setting and Recording Records -- 158

Arranging Competition -- 168

Table of Records -- 177

SUB CODE: MS

SUMMITTED: 12Nov64

NO REF Sov: 013

OTHER: 001

lehr
Card 4/4

DEMITROV, M.

New method for dyeing fibrous materials, p. 19, (RATSIONALIZATSIIA,
Vol. 4, No. 2, Feb. 1954. Sofiya, Bulgaria)

SO: Monthly list of East European Accessions, (EEAL, LC, VOL. 3
No. 12, Dec. 1954, Uncl.

DIMITROV, M.

Regulating for field conditions the mechanism for starting the motor of the DT-54 tractor. p. 20, (RATSIONALIZATSIIA, Vol. 4, no. 2, Feb. 1954. Sofiya, Bulgaria)

SO: Monthly list of East European Accessions, (EEAI, LC, VOL. 3 No. 12, Dec. 1954, Uncl.

DIMITROV, M.

Revolving and connecting pliers for armature iron. p. 21, (RATSIONALIZATSIIA,
Vol. 4, no. 2, Feb. 1954. Sofiya, Bulgaria)

SO: Monthly list of East European Accessions, (EEAL, LC, VOL. 3
No. 12, Dec. 1954, Uncl.

DIMITROV, M.

Dolly used by welders to repair the insides of boilers made of sheet lead.
p. 22, RATIONALIZATSIIA, Vol. 4, no. 2, Feb. 1954. Sofiya, Bulgaria)

SO: Monthly list of East European Accessions, (EEAL, LC, VOL. 3
No. 12, Dec. 1954, Uncl.

DIMITROV, M.

Special scissors for cutting sheet lead. p. 22, (RATIONALIZATSIIA,
Vol. 4, no. 2, Feb. 1954. Sofiya, Bulgaria)

SO: Monthly list of East European Accessions, (EAAI, LC, VOL. 3
No. 12, Dec. 1954, Uncl.

DIMITROV, M.

Renovating the blades of knives for cutting metal. p. 23, (NATIONALIZATSIIA,
Vol. 4, no. 2, Feb. 1954. Sofiya, Bulgaria)

SO: Monthly list of East European Accessions, (EEAL, LC, VOL. 3
No. 12, Dec. 1954, Uncl.)

DIMITROV, M.

"Laboratory installation for investigating the activation of the
catalyzers for converting carbon oxide."

KHIMIIA I INDUSTRIIA, Sofija, Bulgaria, Vol. 31, no. 1, 1959.

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Jun-59,
Sep.
Uncclas